



DS 39 U 0300

connecting cable F-Quick / IEC-male, 3 m

Mechanical Data

Length	3,0 m
Bend protection	Shrink tube black
Breaking stress	>130 N Cable / connector
Bending radius	30 mm
Outer jacket material	PVC black
Outer jacket diameter	∅ 5,00 mm (±0,1 mm)

Cable construction

Inner conductor material	Cu-core
Inner conductor diameter	∅ 0,8 mm (±0,02 mm)
Dielectric	PE
Dielectricum diameter	∅ 3,55 mm (±0,05 mm)
Outer conductor 1	AL/Pet bonded
Outer conductor 2	Braid TCCA 24 x 4 x 0,12 (75% coverage)
Outer conductor 3	AL/Pet

Labeling

Character height	3 mm White
Text	(DS39U 0300 105dB WISI YYY,WW)

F-quick connector

F-quick-male outer conductor	Brass, Plating white bronze. Color code: red ring
F-quick-male inner conductor	Brass, (Plating gold)
Pull off / push on force F-quick	≥40 N

IEC connector

IEC-male outer conductor	Brass, plating white bronze. Color code: green ring
IEC-male inner conductor	Brass, (plating white bronze)
Pull off / push on force IEC	≥40 N

Electrical data

Frequency range	5...2400 MHz
Insertion loss at 1006 MHz	<1,8 dB
Insertion loss at 2400 MHz	<2,7 dB
Return loss 5...12 MHz	>25 dB
Return loss 12...300 MHz	>25 dB
Return loss 300...470 MHz	>23 dB
Return loss 470...1006 MHz	>18 dB
Return loss 1006...1700 MHz	>15 dB
Return loss 1700...2400 MHz	>12 dB
Transfer impedance 5...12 MHz	≤2,5 mΩ/m
Transfer impedance 12...30 MHz	≤0,9 mΩ/m
Screen attenuation 30...1006 MHz	>105 dB
Screen attenuation 1006...2000 MHz	>95 dB
Screen attenuation 2000...2400 MHz	>85 dB
Screen class	A++ except 5...12 MHz